

Title (en)  
DEVICE HAVING A TANK AND A DELIVERY UNIT FOR REDUCTANTS

Title (de)  
VORRICHTUNG MIT EINEM TANK UND EINER FÖRDEREINHEIT FÜR REDUKTIONSMITTEL

Title (fr)  
DISPOSITIF MUNI D'UN RESERVOIR ET D'UNE UNITE DE TRANSPORT POUR AGENT DE REDUCTION

Publication  
**EP 2524121 A1 20121121 (DE)**

Application  
**EP 11700634 A 20110108**

Priority  
• DE 102010004612 A 20100113  
• EP 2011050193 W 20110108

Abstract (en)  
[origin: WO2011086038A1] The invention relates to a device comprising at least one tank (1) having a tank floor (5) and a delivery unit (8) for a liquid (2), wherein the delivery unit (8) is disposed in a chamber (9) on the tank floor (5), and the chamber (9) comprises at least one heater (29). The device preferably has a tank (1) having at least one local ventilation heater (40) extending from a discharge (10) for liquid (2) on the tank floor (5) over at least one tank face (6) to the vicinity of a tank cover (7).

IPC 8 full level  
**F01N 3/20** (2006.01)

CPC (source: EP KR US)  
**F01N 3/2066** (2013.01 - EP US); **F01N 3/28** (2013.01 - KR); **F01N 3/36** (2013.01 - KR); **F01N 2610/10** (2013.01 - EP US); **F01N 2610/1406** (2013.01 - EP US); **F01N 2610/1433** (2013.01 - EP US); **F01N 2610/1466** (2013.01 - EP US); **F01N 2610/1486** (2013.01 - EP US); **Y02A 50/20** (2017.12 - EP US); **Y02T 10/12** (2013.01 - EP US)

Citation (search report)  
See references of WO 2011086038A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**WO 2011086038 A1 20110721**; CN 102713184 A 20121003; CN 102713184 B 20150429; CN 102713185 A 20121003; DE 102010004612 A1 20110714; EP 2524119 A1 20121121; EP 2524119 B1 20160106; EP 2524121 A1 20121121; EP 2524121 B1 20151202; JP 2013517411 A 20130516; JP 2013517412 A 20130516; JP 5848257 B2 20160127; KR 101385349 B1 20140414; KR 20120113257 A 20121012; KR 20120113258 A 20121012; KR 20140095563 A 20140801; RU 2012134512 A 20140220; RU 2012134514 A 20140220; RU 2542193 C2 20150220; RU 2543093 C2 20150227; US 10041392 B2 20180807; US 2012315196 A1 20121213; US 2012321525 A1 20121220; US 9840958 B2 20171212; WO 2011086039 A1 20110721

DOCDB simple family (application)  
**EP 2011050193 W 20110108**; CN 201180005870 A 20110108; CN 201180005922 A 20110108; DE 102010004612 A 20100113; EP 11700525 A 20110108; EP 11700634 A 20110108; EP 2011050194 W 20110108; JP 2012548392 A 20110108; JP 2012548393 A 20110108; KR 20127020845 A 20110108; KR 20127020846 A 20110108; KR 20147016407 A 20110108; RU 2012134512 A 20110108; RU 2012134514 A 20110108; US 201213548607 A 20120713; US 201213548615 A 20120713